

## REMARKS

Reconsideration of the application as amended is respectfully requested. Claims 55 – 71 and 85 – 126 have been canceled, without prejudice or disclaimer. Claims 23 – 54 and 72 – 84 are pending. No claims have been added or amended.

Claims 23 – 53, 35 – 36, 38 – 40, 42 – 48, 51 – 52, 54 – 57, 59 – 65, 68 -69, 71-73, 75 – 86, 88 – 95, 97 – 98, 100, 102, 104, 111, 113 – 114, 116 – 124, and 126 stand rejected under the judicially-created doctrine of obviousness-type double-patenting as being unpatentable over claims 1, 2, 6 -8, 12, 14 – 16 and 18 of U.S. Patent No. 6,477,148. Claims 23 – 24, 26 – 32, 35 – 36, 38 – 40, 42 – 49, 51 – 52, 54 – 65, 68 – 69, 71 – 95, 97 – 98, 100 – 111, 113 – 114, and 116 – 126 stand rejected under the judicially-created doctrine of obviousness-type double-patenting as being unpatentable over claims 1 – 2, 5 – 14, and 16 – 17 of U.S. Patent No. 6,633,550. Two terminal disclaimers are being submitted herewith in response to the above double-patenting rejections. Withdrawal of the double-patenting rejections is respectfully requested.

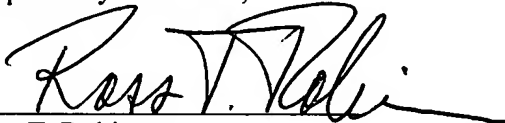
Claims 55 – 71 and 85 – 125 stand rejected under 35 U.S.C. 112, first paragraph, as containing subject matter asserted by the Office Action to have not been described in the specification in such a way as to reasonable convey to one skilled in the relevant art that the inventor(s) at the time the application was filed, had possession of the claimed invention. Claim 110 stands rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter that the Applicant records as the invention. Claims 55 – 71 and 85 – 125 have been canceled, thereby rendering the rejections based on 35 U.S.C. 112 moot. Withdrawal of the rejections based upon 35 U.S.C. 112 is respectfully requested.

Claims 55 – 58, 60 – 71, and 116 – 126 stand rejected under 35 U.S.C. 103(a) as being unpatentable over JP2296610 to Okanobu (“Okanobu”), the Communications Handbook, and U.S. Patent No. 5,734,970 to Seito (“Seito”). Claim 59 stands rejected under 35 U.S.C. 103(a) as being unpatentable over Okanobu, the Communications Handbook, Seito, and further in view of U.S. Patent No. 5,323,332 to Smith (“Smith”). Claims 55 – 71 and 116 – 126 have been canceled, thereby rendering the obviousness rejections moot. Withdrawal of the obviousness rejections is respectfully requested.

In view of the above, each of the presently-pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

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Respectfully submitted,

By 

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